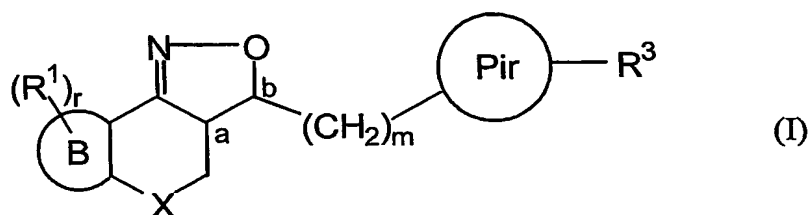


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## CLAIMS

1. A compound according to the general Formula (I)

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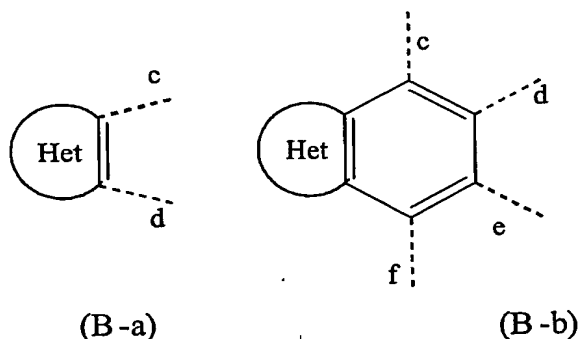
the pharmaceutically acceptable acid or base addition salts thereof, the stereochemically isomeric forms thereof and the *N*-oxide form thereof, wherein:

X is CH<sub>2</sub>, N-R<sup>7</sup>, S or O ;

R<sup>7</sup> is selected from the group of hydrogen, alkyl, Ar, Ar-alkyl, alkylcarbonyl, alkyloxycarbonyl and mono- and dialkylaminocarbonyl;

B is a radical, optionally substituted with *r* radicals R<sup>1</sup>, according to anyone of Formula (B-a) or (B-b) and fused to the isoxazolinyl moiety by either of the bond pairs (c,d), (d,e) or (e,f)

20



wherein

Het is an optionally substituted 5- or 6-membered heterocyclic ring, selected from the group of pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl, furanyl, thienyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, pyrazolyl, isothiazolyl, isoxazolyl, oxadiazolyl and triazolyl ;

each R<sup>1</sup> is, independently from each other, selected from the group of hydrogen, hydroxy, amino, nitro, cyano, halo and alkyl and, only when R<sup>1</sup> is attached to a *N*-atom, is further selected from the group of alkyloxyalkyl, alkyloxyalkyloxyalkyl, alkyloxycarbonylalkyl, formyl,

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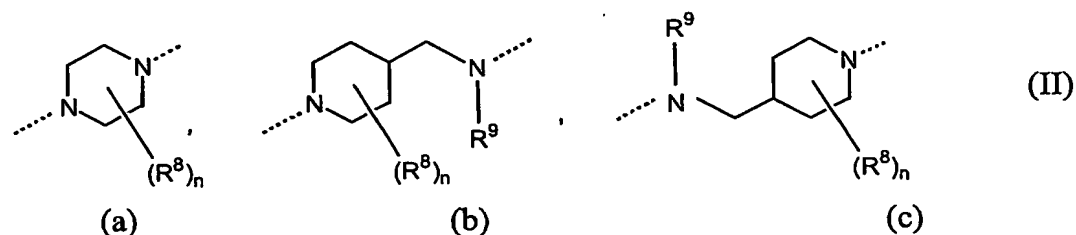
alkylcarbonyl, alkyloxycarbonyl, alkyloxyalkylcarbonyl and mono-  
and dialkylaminocarbonyl ;

**r** is an integer ranging from 0 to 6 ;

**a and b are asymmetric centers ;**

$(CH_2)_m$  is a straight hydrocarbon chain of m carbon atoms, m being an integer ranging from 1 to 4 ;

**Pir** is a radical according to any one of Formula (IIa), (IIb) or (IIc)



optionally substituted with n radicals R<sup>8</sup>, wherein :

15            each R<sup>8</sup> is independently from each other, selected from the group of hydroxy, amino, nitro, cyano, halo and alkyl ;

n is an integer ranging from 0 to 5 ;

$R^9$  is selected from the group of hydrogen, alkyl and formyl ;

20 R<sup>3</sup> represents an optionally substituted aromatic homocyclic or heterocyclic ring system together with an optionally substituted and partially or completely hydrogenated hydrocarbon chain of 1 to 6 atoms long with which said ring system is attached to the Pir radical and of which may contain one or more heteroatoms selected from the group of O, N and S;

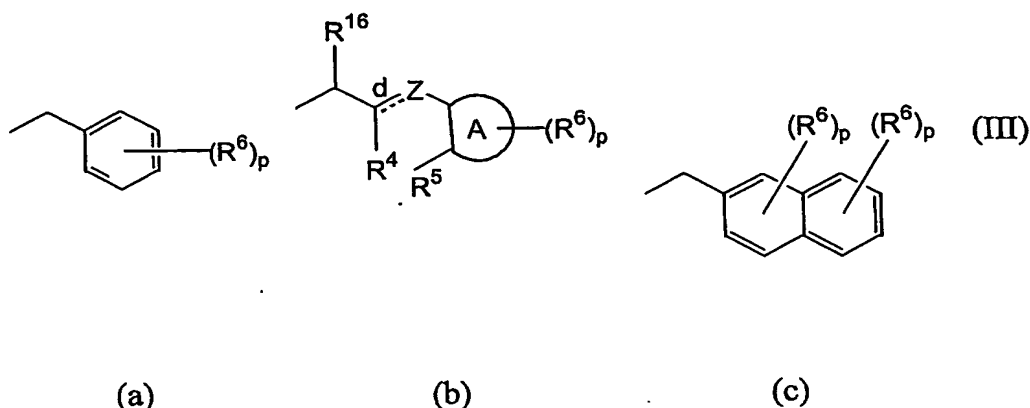
Ar is phenyl or naphthyl, optionally substituted with one or more halo, cyano, oxo, hydroxy, alkyl, formyl, alkyloxy or amino radicals ; and

alkyl represents a straight or branched saturated hydrocarbon radical having from 1 to 6 carbon atoms or a cyclic saturated hydrocarbon radical having from 3 to 6 carbon atoms, optionally substituted with one or more halo, cyano, oxo, hydroxy, formyl or amino radicals.

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2. A compound according to claim 1, characterized in that R<sup>3</sup> is a radical according to any one of Formula (IIIa), (IIIb) or (IIIc)

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wherein :

d is a single bond while Z is a bivalent radical selected from the group of -CH<sub>2</sub>-, -C(=O)-, -CH(OH)-, -C(=N-OH)-, -CH(alkyl)-, -O-, -S-, -S(=O)-, -NH- and -SH-; or d is a double bond while Z is a trivalent radical of formula =CH- or =C(alkyl)- ;

A is a 5- or 6-membered aromatic homocyclic or heterocyclic ring, selected from the group of phenyl, pyranyl, pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl, thienyl, isothiazolyl, pyrrolyl, imidazolyl, pyrazolyl, furanyl, oxadiazolyl and isoxazolyl ;

p is an integer ranging from 0 to 6 ;

R<sup>4</sup> and R<sup>5</sup> are each, independently from each other, selected from the group of hydrogen, alkyl, Ar, biphenyl, halo and cyano ; or

R<sup>4</sup> and R<sup>5</sup> may be taken together to form a bivalent radical -R<sup>4</sup>-R<sup>5</sup>- selected from the group of -CH<sub>2</sub>-, =CH-, -CH<sub>2</sub>-CH<sub>2</sub>-, -CH=CH-, -O-, -NH-, =N-, -S-, -CH<sub>2</sub>N(-alkyl)-, -N(-alkyl)CH<sub>2</sub>-, -CH<sub>2</sub>NH-, -NHCH<sub>2</sub>-, -CH=N-, -N=CH-, -CH<sub>2</sub>O- and -OCH<sub>2</sub>- ;

each R<sup>6</sup> is independently from each other, selected from the group of hydroxy, amino, nitro, cyano, halo, carboxyl, alkyl, Ar, alkyloxy, Ar-oxy, alkylcarbonyloxy, alkyloxycarbonyl, alkylthio, mono- and di(alkyl)amino, alkylcarbonylamino, mono- and di(alkyl)aminocarbonyl, mono- and di(alkyl)aminocarbonyloxy, mono- and di(alkyl)aminoalkyloxy ; or

two vicinal radicals R<sup>6</sup> may be taken together to form a bivalent radical -R<sup>6</sup>-R<sup>6</sup>- selected from the group of -CH<sub>2</sub>-CH<sub>2</sub>-O-, -O-CH<sub>2</sub>-CH<sub>2</sub>-, -O-CH<sub>2</sub>-C(=O)-, -C(=O)-CH<sub>2</sub>-O-, -O-CH<sub>2</sub>-O-, -CH<sub>2</sub>-O-CH<sub>2</sub>-, -O-CH<sub>2</sub>-CH<sub>2</sub>-O-, -CH=CH-CH=CH-, -CH=CH-CH=N-, -CH=CH-N=CH-, -CH=N-CH=CH-, -N=CH-CH=CH-, -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-, -CH<sub>2</sub>-CH<sub>2</sub>-C(=O)-, -C(=O)-CH<sub>2</sub>-CH<sub>2</sub>-, -CH<sub>2</sub>-C(=O)-CH<sub>2</sub>- and

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- 5                   -CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>- and  
R<sup>16</sup>       is selected from the group of hydrogen, alkyl, Ar and Ar-alkyl.
3.       A compound according to claim 2, characterized in that X = O ; m = 1 ; B is a  
radical according to Formula (B-a) or (B-b), Pir is a radical according to  
10       Formula (IIa) wherein n = 0 ; R<sup>3</sup> is a radical according to according to any one  
of Formula (IIIa), (IIIb) or (IIIc) wherein d is a double bond while Z is a  
trivalent radical of formula =CH- or =C(alkyl)- ; A is a phenyl ring ; R<sup>4</sup> is  
hydrogen or alkyl ; R<sup>5</sup> and R<sup>16</sup> are each hydrogen ; R<sup>6</sup> is hydrogen or halo and p  
= 1.
- 15       4.       A compound according to any one of claims 1 to 3, characterized in that Het is  
selected from the group of pyridinyl, thienyl and pyrrolyl, each radical  
optionally substituted on a N atom with a radical selected from the group of  
hydrogen, alkyl, hydroxyalkyl, alkyloxyalkyloxyalkyl, alkyloxycarbonylalkyl,  
20       alkylcarbonyl, alkyloxycarbonyl and alkyloxyalkylcarbonyl.
5.       A compound which is degraded *in vivo* to yield a compound according to any  
one of claims 1 to 4.
- 25       6.       A compound according to any one of claims 1 to 5 for use as a medicine.
7.       The use of a compound according to any one of claims 1 to 5 for the  
manufacture of a medicament for treating depression, anxiety, movement  
disorders, psychosis, Parkinson's disease and body weight disorders.
- 30       8.       A pharmaceutical composition comprising a pharmaceutically acceptable carrier  
and, as active ingredient a therapeutically effective amount of a compound  
according to any one of claims 1 to 5.
- 35       9.       A process for making a pharmaceutical composition according to claim 8,  
comprising mixing a compound according to any one of claims 1 to 5 and a  
pharmaceutically acceptable carrier.
- 40       10.       A pharmaceutical composition comprising a pharmaceutically acceptable  
carrier and, as active ingredient a therapeutically effective amount of a  
compound according to any one of claims 1 to 5 and one or more other  
compounds selected from the group of antidepressants, anxiolytics, anti-

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5           psychotics and anti-Parkinson's disease drugs.

11.       The use of a pharmaceutical composition according to claim 10 for the  
          manufacture of a medicament to improve efficacy and/or onset of action in the  
          treatment of depression, anxiety, movement disorders, psychosis,  
10       Parkinson's disease and body weight disorders.

12.       The use of a compound according to any one of claims 1 to 5 for the  
          manufacture of a medicament for the treatment and/or prophylaxis of  
          depression, anxiety, movement disorders, psychosis, Parkinson's disease and  
15       body weight disorders, said treatment comprising the simultaneous or sequential  
          administration of a compound according to any one of claims 1 to 5 and one or  
          more other compounds selected from the group of antidepressants, anxiolytics,  
          antipsychotics and anti-Parkinson's drugs.

20    13.    A process for making a pharmaceutical composition according to claim 10,  
          comprising mixing a compound according to any one of claims 1 to 5 and a  
          compound selected from the group of antidepressants, anxiolytics,  
          antipsychotics and anti-Parkinson's disease drugs and a pharmaceutically  
          acceptable carrier.

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